

Earthdata Code Collaborative

Summary

Spec Workshop Date:  26 Jan 2017

Attendees: Katie Baynes, Andrew Mitchell, Katie Kelly, Ryan Boller, Dana Shum, Dan Pilone, Jason Gilman, Ron Parham, Minnie Wong, Nevn Appondo, John Cromartie

Background Information: This specification workshop is to help us define the value of the ECC as it relates to OpenSource projects and to the new NGAP on-boarding tool. Several topic areas need to be addressed:

- Is the ECC still the only way for an application to be hosted in NGAP or on the Earthdata hardware?
- How should the ECC interact with OpenSource projects?
- What impact will 2FA have on the ECC suite of tools?

Statement of Capability's Value

As a product owner, I want to have a standard continuous integration / deployment process so that I can seamlessly build and deploy the system and meet security requirements at the same time

As an open sourced product owner, I want to have a ci/cd process that _____ so that I can _____, _____ and _____

Acceptance Criteria

(functional and non-functional)

- Meet all security controls around code migrations and deployments
- Provide a simple method for code management that allows for non-nasa developers to contribute to the products

High Level Arch. / User Workflows

Developed by	Open Source?	Official Code Repository*	Build Repository	Issue Tracking Via	Deployments via	Example Project	Notes
EED2	YES	GitHub	Bitbucket	JIRA	Bamboo	EDSC	Official copy of the code is in GitHub. After a successful test by travis CI, the code is pushed to Bitbucket to be built and deployed by Bamboo.
EED2	NO	Bitbucket	Bitbucket	JIRA	Bamboo	Conduit	Official copy of the code is in Bitbucket. After a successful test by Bamboo, the code is built and deployed.
non-EED2	YES	GitHub	GitHub	GitHub	Bamboo	Worldview	Official copy of the code is in GitHub. After a successful. The code is built and deployed by Bamboo.
non-EED2	NO	GitHub	Bitbucket	JIRA	Bamboo	Sea Level Change Portal	Official copy of the code is in Bitbucket. After a successful test by Bamboo, the code is built and deployed.

* repository where the code is managed

Key User Stories

Known Deadlines

Rough Sizing Estimates

Notes

The Earthdata team presented the attached presentation outlining the purpose of the ECC and the Bamboo deployment stack.